

Customer No.	026418		10/521 088
Attorney's Docket No.:	GK-OEH-191/500814.20093		
U.S. Application No.:			
International Application No.:	PCT/DE2003/002359		
International Filing Date:	JULY 10, 2003	10 JULY 2003	
Priority Date Claimed:	JULY 12, 2002	12 JULY 2002	
Title of Invention:	PULSE LASER ARRANGEMENT AND METHOD FOR SETTING PULSE LENGTH FOR LASER PULSES		
Applicant(s) for (DO/EO/US):	Guenter HOLLEMANN, Martin LEITNER and Jan SYMANOWSKI		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- [X] 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- [] 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- [] 3. This express request to begin national examination procedures [35 U.S.C. 371 (f)]. The submission must include items (5), (6), (9), and (21) indicated below.
- [] 4. The US has been elected (Article 31).
- [X] 5. A copy of **Publication No. WO 2004/010550 29JAN04 the International Application as filed** [35 U.S.C. 371(c)(2)]
 - a) [X] is attached hereto (required only if not communicated by the International Bureau).
 - b) [] has been communicated by the international Bureau.
 - c) [] is not required, as the application was filed in the United States Receiving Office (RO/US)
- [X] 6. An English language translation of **Publication No. WO 2004/010550 29JAN04 the International Application as filed** [35 U.S.C. 371(c)(2)]
 - a) [X] is attached hereto
 - b) [] has been previously submitted under 35 U.S.C. 154(d)(4).
- [] 7. Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
 - a) [] are attached hereto (required only if not communicated by the International Bureau).
 - b) [] have been communicated by the international Bureau.
 - c) [] have not been made; however, the time limit for making such amendments has **NOT** expired.
 - d) [] have not been made and will not be made
- [] 8. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]
- [X] 9. An **UNSIGNED Oath or declaration of the inventor(s)** [35 U.S.C. 371(c)(4)] **EXECUTED Decl/POA TO FOLLOW**
- [] 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]

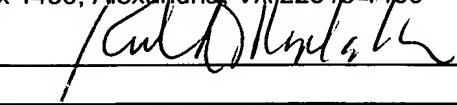
Items 11. to 20. Below concern other document(s) or information included:

- [X] 11. An **Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98**
- [] 12. An Assignment document for recording. A separate cover sheet (PTO-1595) in compliance with 37 CFR 3.28 and 3.31 is included.
- [X] 13. A **preliminary amendment**
- [] 14. An Application Data Sheet under 37 CFR 1.76
- [X] 15. A **substitute specification with abstract (attached to the preliminary amendment)**
- [] 16. A change of power of attorney and/or address letter
- [] 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 V+CFR1.821-1.825.
- [] 18. A second copy of the published International Application under 35 U.S.C. 154 (d)(4).
- [] 19. A second copy of the English language translation of the International Application under 35 U.S.C. 154 (d)(4).
- [x] 20. (other items or information) **Search Report: PCT/ISA/220 and 210 02DEC03, PTO-1449 with 1st pages of 13 listed documents and 4 English Abstracts.**

EXPRESS MAIL No.: EV 302 615 605 US

Deposited: January 12, 2005

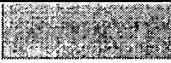
I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450

 /Ruth Montalvo Date: January 12, 2005

10/521088

U.S. Application No. (if known, see 37 C.F.R. 1.50):
 International Application No.: PCT/DE2003/002359

Attorney's Docket No: GK-OEH-191 / 500814.20093

<input checked="" type="checkbox"/> 21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) BASIC NATIONAL FEE				\$ 300.00	\$ 300.00
<input checked="" type="checkbox"/> b) Examination fee				\$ 200.00	\$ 200.00
<input checked="" type="checkbox"/> C) Search fee				\$ 500.00	\$ 500.00
TOTAL OF ABOVE CALCULATIONS: \$ 1,000.00				\$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number.)		Rate	
- 100 =	/50 =			X \$250.00	\$
Surcharge of \$ 130.00 for furnishing the oath or declaration later than 30 month from the earliest claimed priority date (37 CFR 1.492(e))					
Claims	Number Filed		Number Extra	Rate	
Total Claims:	7	- 20		X \$ 50.00	\$
Independent Claims:	2	- 3		X \$ 200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+\$ 360.00	
TOTAL OF ABOVE CALCULATIONS:				\$1,000.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than [] 20 [] 30 months from the earliest claimed priority date [37 CFR 1.492(e)]					
+ \$					
TOTAL OF ABOVE CALCULATIONS:					
<input type="checkbox"/> Applicant claims Small Entity Status [See 37 CFR 1.27] Reduction by ½ for filing by small entity -					
SUBTOTAL: \$1,000.00					
Processing fee of \$130.00 for furnishing the English Translation later than [] 20 [] 30 months from the earliest claimed priority date [37 CFR 1.492(f)]					
+ \$					
TOTAL NATIONAL FEE: \$1,000.00					
Fee for recording the enclosed assignment [37 CFR 1.21(h)] The assignment must be accompanied by an appropriate cover sheet (PTO-1595) [37 CFR 3.28, 3.31]. \$ 40.00 per property + \$					
TOTAL FEE(S): \$1,000.00					
AMOUNT TO BE REFUNDED  AMOUNT TO BE CHARGED 					

(Please note the filing fee is based on the claims in the Preliminary Amendment)

- a) Check in the amount of \$ 1,000.00 to cover the above fees is enclosed.
- b) Please charge my Deposit Account No 50-1529 in the amount of \$.00 to cover the fee..
- c) The Commissioner is hereby authorized to charge any additional fees required with this submission or to credit any overpayment to Deposit Account No: 50-1529.)
- d) Fee are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 36 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

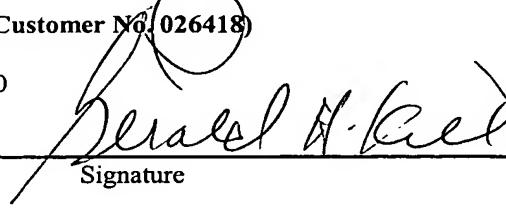
Gerald H. Kiel, Esq.
 Reed Smith LLP (Customer No. 026418)
 599 Lexington Avenue
 New York, NY 10022-7650

Gerald H. Kiel

Name

(Tel. (212) 521-5400)

Signature



25,116

Reg. No.

January 12, 2005

Date